

**CERTIFICATE OF COMPLIANCE
FOR RADIOACTIVE MATERIAL PACKAGES**

1.	a. CERTIFICATE NUMBER	b. REVISION NUMBER	c. DOCKET NUMBER	d. PACKAGE IDENTIFICATION NUMBER	PAGE	PAGES
	9282	1	71-9282	USA/9282/B(U)-96	1 OF	3

2. PREAMBLE

- a. This certificate is issued to certify that the package (packaging and contents) described in Item 5 below meets the applicable safety standards set forth in Title 10, Code of Federal Regulations, Part 71, "Packaging and Transportation of Radioactive Material."
- b. This certificate does not relieve the consignor from compliance with any requirement of the regulations of the U.S. Department of Transportation or other applicable regulatory agencies, including the government of any country through or into which the package will be transported.

3. THIS CERTIFICATE IS ISSUED ON THE BASIS OF A SAFETY ANALYSIS REPORT OF THE PACKAGE DESIGN OR APPLICATION

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|--|---|
| <p>a. ISSUED TO (<i>Name and Address</i>)</p> <p>Source Production
and Equipment Company, Inc.
113 Teal Street
St. Rose, LA 70087-9691</p> | <p>b. TITLE AND IDENTIFICATION OF REPORT OR APPLICATION</p> <p>Source Production and Equipment Company, Inc.
application dated June 28, 1999, as supplemented</p> |
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4. CONDITIONS

This certificate is conditional upon fulfilling the requirements of 10 CFR Part 71, as applicable, and the conditions specified below.

5.

(a) Packaging

(1) Model No.: SPEC-300

(2) Description

The SPEC-300 is a radiographic device that consists of a source assembly, a depleted uranium shield, and a stainless steel enclosure. The radioactive source assembly is housed in a zircaloy or titanium "S" tube that is surrounded by the depleted uranium shield. The depleted uranium shield is secured in the stainless steel enclosure. The void space between the depleted uranium shield and the enclosure is filled with high density polyurethane foam. The package is approximately 26 inches long, 14 inches wide, and 15 inches high. The maximum gross weight of the package is 780 pounds.

(3) Drawings

The packaging is constructed and assembled in accordance with Source Production and Equipment Co., Inc. General Arrangement drawings: 19B000 sheets 1-8, Rev. 4 and B190700 sheet 1, Rev. 3.

(b) Contents

(1) Type and form of material

Cobalt-60 sources which meet the requirements of special form radioactive material.

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5.(b) Contents (continued)

(2) Maximum quantity of material per package

300 Curies (output)

Output curies are determined in accordance with American National Standard N432-1980, "Radiological Safety for the Design and Construction of Apparatus for Gamma Radiography."

6. The source shall be secured in the shielded position of the packaging by the source assembly lock, lock cap and safety plug assembly. The safety plug assembly, lock cap and source assembly must be fabricated of materials capable of resisting a 1475 °F fire environment for one-half hour and maintaining their positioning function. The locking ball of the source assembly must engage the locking device. The flexible cable of the source assembly and safety plug assembly must be of sufficient length and diameter to provide positive positioning of the source in the shielded position.
7. The name plate must be fabricated of materials capable of resisting the fire test of 10 CFR Part 71 and maintaining its legibility.
8. In addition to the requirements of Subpart G of 10 CFR Part 71:
 - (a) The package shall be prepared for shipment in accordance with the Operating Procedures in Chapter 7.0 of the application, as supplemented; and
 - (b) The package must meet the Acceptance Test and Maintenance Program of Chapter 8.0 of the application, as supplemented.
9. Packagings may be marked with Package Identification Number USA/9282/B(U)-85 until April 30, 2006, and must be marked with Package Identification Number USA/9282/B(U)-96 after April 30, 2006.
10. The package authorized by this certificate is hereby approved for use under the general license provisions of 10 CFR 71.17.
11. Expiration date: April 30, 2010.

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REFERENCES

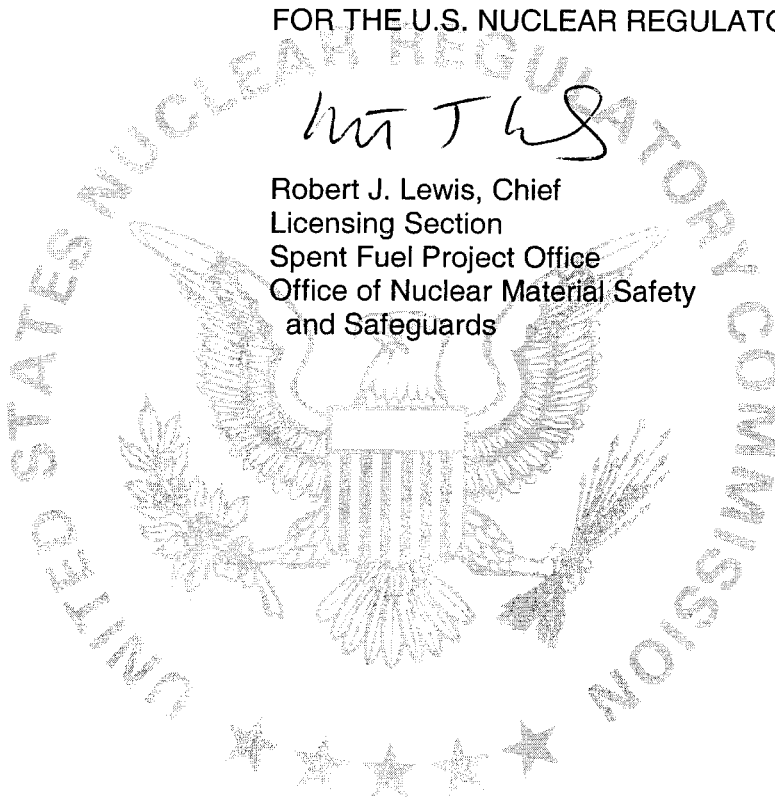
Source Production and Equipment Company, Inc., application dated June 28, 1999.

Supplements dated: October 6, November 4, November 22, and December 15, 1999; February 29 and March 27, 2000; and March 14, 2005.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

mt JLS
Robert J. Lewis, Chief
Licensing Section
Spent Fuel Project Office
Office of Nuclear Material Safety
and Safeguards

Date: 28 April 2005





UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

SAFETY EVALUATION REPORT

Docket No. 71-9282

Model No. SPEC-300 Package

Certificate of Compliance No. 9282

Revision No. 1

SUMMARY

By application dated March 14, 2005, Source Production & Equipment Co., Inc. (SPEC), submitted an amendment and renewal request for Certificate of Compliance No. 9282, for the Model No. SPEC-300 package. SPEC requested an amendment for approval of a "-96" designation for the SPEC-300 package. SPEC did not request any changes to the package design or authorized contents. This certificate has been renewed for a five year term.

EVALUATION

By application dated March 14, 2005, SPEC requested approval for a "-96" designation for the SPEC-300 package. The package was originally approved on April 10, 2000, with a "-85" designation in the package identification number. SPEC submitted information supporting the request for a "-96" approval. None of the changes indicated for a "-96" designation are applicable to the SPEC-300 package. Changes are not required in order to meet the provisions for a "-96" designation. The package identification number has been revised to USA/9282/B(U)-96 to indicate that the package meets the requirements of the revised 10 CFR Part 71 regulations that became effective October 1, 2004 (69 FR 3698). Based on the statements and representations in the application, the staff concluded that the design has been adequately described and meets the requirements of 10 CFR Part 71 for a "-96" approval. Condition No. 9 was revised to allow time to modify the packaging marking to include "-96" designation in the package identification number. The certificate has been conditioned to allow use of packagings marked with the "-85" designation for a period of approximately one year. After April 30, 2006, the packaging must be marked with the package identification number including the "-96" designation.

SPEC also requested renewal of Certificate of Compliance No. 9282, for the Model No. SPEC-300 package. SPEC did not request any changes to the package design or authorized contents. The staff reviewed the documents referenced in the certificate and determined that the documentation was available and complete. The staff also reviewed the package operations and maintenance program for the package and found them to be adequate. The certificate has been renewed for a 5 year term that expires on April 30, 2010.

Condition No. 10 of the certificate clarifies that the package is approved for use under the general license provisions of 10 CFR 71.17. This change is due to a revision in the renumbering of certain sections in 10 CFR Part 71 regulations that became effective on October 1, 2004 (69 FR 3698).

CONCLUSION

As requested by the applicant the package identification number has been revised to include the "-96" designation. The Certificate of Compliance has been renewed for a 5 year term that expires on April 30, 2010. These changes do not affect the ability of the package to meet the requirements of 10 CFR Part 71.

Issued with Certificate of Compliance No. 9282, Revision No. 1 on
April 28, 2005, 2005.